

KUVAL'DIN, Boris Ivanovich, dots.; MOROZOV, Sergey Aleksandrovich, dots.; SHALAYEV, S.A., inzh., retsenzent; KORCHUNOV, N.G., prof., retsenzent; KUKLINOV, B.A., dots., retsenzent; MEN'SHUTKIN, Ya.G., dots., retsenzent; SYROMYATNIKOV, S.A., dots., red.; PITERMAN, Ye.L., red.izd-va; SHIBKOVA, R.Ye., tekhn. red.

[Planning logging truck roads] Proektirovanie lesovoznykh avtomobil'nykh dorog. Moskva, Goslesbumizdat, 1962. 331 p.
(MIRA 16:7)

(Forest roads)

SYROMYATNIKOV, Sergey Arkadi'yevich, kand. tekhn. nauk; NOVOSELOV,
N.V., red.

[Lumbering; manual for a foreman] lesozagotovki; posobie
dlia mastera. Izd.2., ispr. i perer. Moskva, Lesnaya pro-
myshlennost', 1964. 245 p. (MIRA 19:1)

SIROMYATNIKOV, S. P. and CHIRKOV, A. A.

"The Locomotive," (General Instructions Course on Locomotive Construction and Basic Theory), 1951.

COMMON ELEMENTS										PROCESSES AND PROPERTIES INDEX										MATERIALS INDEX									
COMMON ELEMENTS										PROCESSES AND PROPERTIES INDEX										MATERIALS INDEX									
<p>F SYROMYATNIKOV, S.P.</p> <p>4247. THERMAL COMPUTATION OF BOILER FURNACES. <u>Syromyatnikov, S. P.</u> (Izvestiya Akademii Nauk, U.S.S.R., 1947, (12), 1615-1627; abstr. in Engng Abstr., 4 May 1948, vol. 11, 37). The author states that the heat absorption in a boiler furnace can be reliably determined by computing the heat balance of the individual exposed surfaces in the furnace on the basis of Stefan-Boltzmann law. This allows computation of the temperature in the furnace within $\pm 25^{\circ}\text{C}$.</p>																													
<p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																													
GROUPS										SUBGROUPS										SUBSUBGROUPS									
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SAVCHENKO, I.M.; SYROMYATNIKOV, S.S.

Shuttle stand for making multi-hollow reinforced concrete floor
panels. Mekh.trud.rab. 9 no.11:39-41 N '55. (MLRA 9:2)

1.Glavnyy inzhener Gladal'stroya (for Savchenko).2.Glavnyy mekhanik
Gladal'stroya (for Syromyatnikov)
(Floors, Concrete)

SYROMYATNIKOV, S.S.
SAVCHENKO, I.M.; SYROMYATNIKOV, S.S.; IGNATOV, G.T.

Assembly line used in manufacturing hollow reinforced concrete
panels with common reinforcement. Rats. i izobr. predl. v stroi.
no.3:5-8 '57. (MIRA 11:1)
(Concrete slabs)

^{S.}
SYROMYATNIKOV, S., inzh.

Repair of concreting combines. Stroitel' no.10:22-23 0 '60.
(MIRA 13:9)

(Concrete plants)

SYROMYATNIKOV, S.S., inzh.

Compacting concrete mixes in plants with concreting combines.
Bet. 1 zhel.-bet. no.10:448-450 0 '60. (MIRA 13:10)
(Concrete slabs)

MASENKO, I.D., inzh.; SYROMYATNIKOV, S.S., inzh.

Sliding vibropressing of concrete mixes. Makh. stroi. 17 no.
6:21-22 Je '60. (MIRA 13:6)
(Vibrated concrete)

SYROMYATINIKOV, S.S., inzh.

Vibropressing of concrete mixes in making prestressed reinforced
concrete flooring slabs. Mekh. stroi. 17 no.10:11-13 0 '60.

(MIRA 13:10)

(Vibrated concrete)

(Concrete slabs)

SYROMYATNIKOV, S.S., inzh.

Seminar on the exchange of experience in using concreting combines.
Mekh. stroi. 17 no.11:3 of cover N '60. (MIRA 13:11)
(Concrete construction)

MAKSIMOV, A.A.; MERENKOV, B.Ya.; MILOSERDINA, G.G.; SMIRNOV, V.I.;
SYROMYATNIKOV, V.A.

Petr Nikolaevich Markov, 1894- ; on his 70 th birthday. Vest.
Mosk. un. Ser. 4: Geol. 19 no.4:83-84 J1-Ag '64.
(MIRA 17:11)

SYROMYATNIKOV, V., inzhener.

Automatic regulation of combustion in steamship boilers. Mor.1 tech.
flot 14 no.3:14-17 Mr '54. (MLRA 7:5)
(Steamboilers, Marine) (Governors (Steam engine))

SYRONYATNI OV, V. F.

"Investigation of the Dynamics of the Automatic Regulation of Combustion in the Fire Boxes of Ship's Boilers." Cand Tech Sci, Leningrad Shipbuilding Inst, Leningrad, 1955. (KL, No 16, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

SYROMYATNIKOV, V., kand.tekhn.nauk

~~Efficient system of automatic regulation of combustion in marine~~
boilers. Mor. flot 18 no.9:6-8 S '58. (MIRA 11:10)

1.Nachal'nik laboratorii avtomatiki TSentral'nogo nauchno-
issledovatel'skogo instituta morskogo flota.
(Boilers, Marine)

SYROMYATNIKOV, V.F., kand. tekhn. nauk; SUKHORUCHENKOV, N.V.

Newly designed fuel-heating unit. Trudy TSNIIMF no.20:78-84
'58.

(MIRA 12:1)

(Marine engines) (Heat exchangers)

S/112/59/000/016/027/054

AO52/A002

Translation from: Referativnyy zhurnal, Elektrotehnika, 1959, No. 16, p. 149,
34571

AUTHOR: Syromyatnikov, V. F.

TITLE: Pneumatic Pressure Regulator Working According to the Principle of
Compensation of Forces

PERIODICAL: Tr. tsentr. n.-i. in-ta morsk. flota, 1958, No. 20, pp. 85-89

TEXT: A description of a pneumatic-type pressure regulator designed by
TsNIIME. is given. The regulator works according to the principle of compensa-
tion of forces and consumes practically no compressed air. The results of
testing the regulator and suggestions on its use are given.

Translator's note: This is the full translation of the original Russian
abstract.

Card 1/1

STRUMPE, Petr Ivanovich, kand.tekhn.nauk; YAKUSHENKOV, Andrey Andreyevich, kand.tekhn.nauk; SYROMYATNIKOV, Viktor Fedorovich, kand.tekhn.nauk; RAPOPORT, Leonid Il'ich, kand.tekhn.nauk; MELESHKIN, Georgiy Aleksandrovich, kand.tekhn.nauk; MIROSHNICHENKO, Il'ya Petrovich, kand.tekhn.nauk; ARAKHOV, Vladimir Mikhaylovich, inzh.; SKOMOROVSKIY, Rostislav Vsevolodovich, kand.tekhn.nauk; PESOCHINSKIY, Viktor Nikolayevich, kand.tekhn.nauk; NELIDOVA, E.S., red.; TIKHONOVA, Ye.A., tekhn.red.

[Over-all mechanization and automatization in the merchant marine]
Kompleksnaya mekhanizatsiya i avtomatizatsiya na morskoy transport.
Pod obshchey red. P.I.Strumpe. Moskva, Izd-vo "Morskoy transport,"
1959. 95 p. (MIRA 13:5)

(Merchant marine--Equipment and supplies)
(Cargo handling--Equipment and supplies)
(Automatic control)

STRUMPE, P.I., kand.tekhn.nauk; SYROMYATNIKOV, V.F., kand.tekhn.nauk,
nauchnyy red.; YAKUSHENKOV, A.A., kand.tekhn.nauk, nauchnyy red.;
FOMICHEV, A.G., spetsred.; KOTLYAKOVA, O.I., tekhn.red.

[Over-all automatic control on seagoing ships] Kompleksnaia
avtomatizatsiia morskikh sudov. Pod obshchei red. P.I.Strumpe.
Leningrad, Izd-vo "Morskoi flot," 1960. 178 p.

(MIRA 14:4)

1. Russia (1923- U.S.S.R.) Ministerstvo morskogo flota.
2. Tsentral'nyy nauchno-issledovatel'skiy institut morskogo flota.
(for Strumpe, Syromyatnikov, Yakushenkov).
(Ship handling) (Automatic control)

AFANAS'YEV, Konstantin Arkad'yevich, inzh.; GRECHIN, Modest Alekseyevich, inzh.; KORCHAGIN, Mikhail Ivanovich, kand.tekhn.nauk; LOGINOV, Sergey Petrovich, kand.ekon.nauk; MIROSHNICHENKO, Il'ya Petrovich, kand.tekhn.nauk; RAPOPORT, Leonid Il'ich, kand.tekhn.nauk; SYROMYATNIKOV, Viktor Fedorovich, kand.tekhn.nauk. Prinsipialni uchastnye: HAYEVSKAYA, Ye.A., inzh.; GRIGOR'YEV, Ya.I., inzh. STRUMPE, P.I., red.; MARCHUKOVA, M.G., red.izd-va; LAVRENOVA, N.B., tekhn.red.

[Modernization of seagoing cargo vessels]. Modernizatsiia morskikh transportnykh sudov. Pod obshchei red. P.I.Strumpe. Moskva, Izd-vo "Morskoi transport," 1960. 306 p.

(MIRA 14:1)

(Freighters--Equipment and supplies)

SYROMYATNIKOV, V.F., kand.tekhn.nauk

System of automatic control of fuel burning in the main steam
boilers on ships of the "Sergei Botkin" type; description and
instructions for its adjustment. Inform. sbor. TSNIIMF no.53:
48-91 '60. (MIRA 14:12)

(Automatic control)
[REDACTED], Marine--Combustion)

SYROMYATNIKOV, V.F., kand.tekhn.nauk; SOBOLEV, L.G.

Results of testing the automatically controlled units of the engine
and boiler room on the steamer "Leninskii Komsomol." Inform. sbor.
TSNIIMF no.64. Tekh. ekspl. mor. flota no.9:3-26 '61. (MIRA 16:6)
(Boilers, Marine) (Marine engines) (Automatic control)

SYROMYATNIKOV, V.; YAKUSHENKOV, A.

Important problems concerning the complex of seagoing ships; a book review. Vestis Latv ak no.3:165-167 '61.

(EEAI 10:9)

(Ships)

SYROMYATNIKOV, V., kand.tekhn.nauk; SOBOLEV, L., starshiy nauchnyy
sotrudnik

Operational testing of the automatic control system for the
power plant of the "Leninskii Komsomol" steamer. Mor. flot
22 no.3:22-26 Mr '62. (MIRA 15:2)

1. TSentral'nyy nauchno-issledovatel'skiy institut morskogo
flota.

(Boilers, Marine)
(Automatic control)

SYROMYATNIKOV, V.F., kand.tekhn.nauk

Analysis of the economy of automatically regulated fuel combustion in steam boilers. Trudy TSNIIMF 8 no.44:3-14 '62.

(MIRA 16:1)

(Boilers, Marine--Fuel systems)
(Governors (Machinery))

SYROMYATNIKOV, V.F., kand.tekhn.nauk

Characteristics of pressure regulation in marine heating
deaerators. Trudy TSNIMF 8 no.44:28-39 '62. (MIRA 16:1)
(Pressure regulators) (Marine gas turbines)

GOLOVIZNIN, A.M., kand.tekhn.nauk; GOL'DENFON, A.K., kand.tekhn.nauk;
GRIGOR'YEV, G.T.; KORNYAYEV, Yu.T.; SRABOV, K.Ye.; STRUMPE, P.I.,
kand.tekhn.nauk, otv.red.; DRANITSYN, S.N., kand.tekhn.nauk, red.;
GOROBETS, V.A., kand.voyen.-morskikh nauk, red.; YEVREINOV, I.V.,
kand.tekhn.nauk; KORCHAGIN, M.I., kand.tekhn.nauk; KURZON, A.G.,
doktor tekhn.nauk; MIROSHENICHENKO, I. I. ~~kand.tekhn.nauk~~;
ROZHDESTVENSKIY, N.A., kand.tekhn.nauk; SYROMYATNIKOV, V.P.,
kand.tekhn.nauk; BAMA, N.G., red.; STUL'CHIKOVA, N., tekhn.red.

[Marine nuclear steam turbine plants.] Sudovye iadernye
paroturbinnye ustanovki. Leningrad. Izd-vo "Morskoi transport,"
1963. 135 p. Leningrad, TSentral'nyi nauchno-issledovatel'skiy
institut morskogo flota. Informatsionnyi sbornik, no. 77/78.
Tekhnicheskaya ekspluatatsiya morskogo flota, no. 15/16).
(MIRA 17:2)

1. Sotrudnik TSentral'nogo nauchno-issledovatel'skogo
instituta morskogo flota (for Goloviznin, Gol'denfon,
Grigor'yev, Kornayev, Srabov).

DRANITSIN, S.H., kand. tekhn. nauk, AGUT'KOV, V.I., kand. tekhn. nauk,
nauchnyy red.; ZHUKOV, P.I., kand. tekhn. nauk, otv. red.;
GIL'BERG, V.A., kand. voyen.-morskikh nauk, red.; YAKOVLEV,
I.V., kand. tekhn. nauk, red.; KUCHENIN, A.I., kand. ekon. nauk,
red.; KURLAN, A.G., doktor tekhn. nauk, red.; ROZHENKO-VANESKIA,
N.I., kand. tekhn. nauk, red.; SYCHEVATSKOV, V.S., kand. tekhn.
nauk, red.

[Automation of power plants on seagoing merchant ships.]
Avtomatizatsia silovykh ustanovok morskikh transp. i kbr
sudov. Leningrad, Izd-vo "Morskoi transport," 1965 13 p.
(Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut
morskogo flota. Informatsionnyi sbornik, no. 99. (MIRA 1746)

SYROMYATNIKOV, V.F., kand.tekhn.nauk

Regulating the efficient operation of steam boilers. Inform. sbor.
TSNIIMF no.94 Tekh. ekspl. mor.flota no.21:3-16 '63.
(MIRA 17:4)

(N) L 25568-66 EWT(d)/ENP(f)/ENP(v)/T-2/ENP(k)/ENP(h)/ENP(l)/ETC(m)-6 WW

ACC NR: AM6004743

Monograph

UR/

Syromyatnikov, Viktor Fedorovich

Automatic control of marine steam turbines (Avtomaticheskoye regulirovaniye sudovykh paroturbinnnykh ustanovok) Leningrad, Izd-vo "Sudostroyeniye", 1965. 299 p. illus. biblio. Errata slip inserted. 2,300 copies printed.

TOPIC TAGS: steam power plant, ocean transportation, ship navigation, engine control system, optimal control

PURPOSE AND COVERAGE: The book presents the theory and describes technical means of automatic regulation of steam-turbine installations for seagoing vessels. It is based on operating data obtained for Soviet and foreign ships and also on the author's own research. Principal attention is paid to the investigation and analysis of the properties of ship control devices, since these properties determine the character and scope of automatization, and also the features of its technical means. In many cases this analysis makes it possible to point to ways of efficient changes in the characteristics of the object to improve their response to control. The book shows how, starting from the operating conditions and the properties of the controlled turbines, one proceeds to specify the automatic control system and its accuracy, with allowance for the economic factors. The principal attention is paid to choice of specific control systems. The book is designed for engineering-technical and scientific workers, and also for students in higher institutions of learning specializing in marine steam-turbine installations and means of their automatic control. It is assumed that the reader is familiar with the principles of steam-turbine installa-

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UDC: 621.12-52

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ACC NR: AM6004743

tions and with the theory of automatic control.

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Ch. II. Condensate system of steam-turbine installation - - 47

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SUB CODE: 13/ SUBM DATE: 26Sep65/ ORIG REF: 021/ OTH REF: 004

Card 2/2 FW

SYROMYATNIKOV, V.F., kand.tekhn.nauk

Analysis of possible methods for optimizing the operating
conditions of marine boilers. Trudy TSNIIIMF no.63:17-34
'65. (MIRA 18:12)

GURASH, G.V.; MELESHEVICH, A.P.; POCHINOK, V.Ya.; SYROMYATNIKOV, V.G.;
FEDOROVA, I.P.

Radiation-induced synthesis of the copolymer of allylamine and
methacrylic acid. Ukr. khim. zhur. 31 no.1:89-93 '65. (MIRA 18:5)

1. Kiyevskiy gosudarstvennyy universitet imeni Shevchenko i
Institut fizicheskoy khimii imeni Pisarzhevskogo AN UkrSSR.

SYROMYATNIKOV, V. I.

"Hard Wheats in Kabarda." Cand Agr Sci, All-Union Inst of Plant Growing; All-Union Order of Lenin Academy of agricultural Sciences imeni V. I. Lenin, Leningrad, 1955. (KL, No 12, Mar 55)

SO: Sum No. 670, 29 Sep 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

SYROMYATNIKOV, V.I., kand. s^hskokh. nauk; ERZHIBOV, S., starshiy
nauchnyy sotrudnik

Corn breeding at the Kabardino-Balkar Agricultural Experiment
Station. Uch. zap. Kab.-Balk. gos. un. no.12:77-80 '62.
(MIRA 16:6)

(Kabardino-Balkar A.S.S.R.—Corn breeding)

L 32155-65 EPF(c)/EPR/ENG(j)/EWA(h)/EWP(j)/ENT(m)/EWA(c)/T/EWA(l) Pc-4/Pr-4/Pe-4/
 ACCESSION NR: AP5004738 Feb RPL WW/JW/RM S/0073/65/031/001/0089/0093

AUTHORS: Gurash, G. V.; Meleshevich, A. P.; Pochinok, V. Ya.; Syromyatnikov, V. G.;
 Fedorova, I. P.

TITLE: Synthesis by irradiation of allylamine methacrylic acid copolymers

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38
B

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 31, no. 1, 1965, 89-93

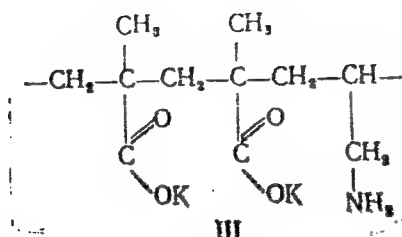
TOPIC TAGS: allylamine, methacrylic acid, copolymer, hydrogen peroxide, benzene
 peroxide, methanol, sodium acetate, IR spectra

ABSTRACT: The synthesizing procedure was tested in producing polyampholites by
 polymerization of allylamine and methacrylic acid under irradiation by 60Co gamma
 rays with different solvents, varying irradiation dose, temperatures, and initiators.
 The latter were hydrogen peroxide, benzoyl peroxide, tertiary butyl peroxide, and
 dinitrile of azo-isocutyric acid. Mixtures of aqueous allylamine and potassium
 methacrylate yielded no copolymers on heating and on usual initiation. Copolymers
 did appear after irradiation and could be precipitated with methanol or sodium
 acetate. They were soluble in acids and alkali. The elementary link of these
 copolymers corresponds to the formula

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ACCESSION NR: AP5004738



More extensive irradiations resulted in grafting of additional allylamine on already formed copolymer chains. Orig. art. has: 5 formulas, 1 table, and 6 graphs.

ASSOCIATION: Kievskiy gosudarstvennyy universitet im. V. G. Shevchenko. (Kiev State University); Institut fizicheskoy khimii im. L. V. Pisarshevskogo AN UkrSSR. (Institute of Physical Chemistry AN UkrSSR)

SUB CODE: OC

Card 2/2

SYROMYATNIKOV, V. M.

Superheaters

Approximate calculation of orifices of superheater tubes. Elek. sta. 23,

No. 4, 1952.

Inzh.

SO: Monthly List of Russian Accessions, Library of Congress, August 195²1, Uncl.

SYROMYATNIKOV, Valentin Matveyevich; KISELEV, Pavel Lavrovich; BARSHTEYN,
I.K., redaktor; VORONIN, K.P., tekhnicheskii redaktor.

[Steam superheaters of stationary medium and high-pressure steam
boilers] Paroperegrevateli statsionarnykh parovykh kotlov srednego
i vysokogo davleniia. Moskva, Gos.energ. izd-vo, 1955. 160 p.
(Boilers) (Superheaters) (MLRA 9:4)

SOV/96-59-8-9/27

AUTHORS: Gershteyn, Ye.G., Valk, Ye.G., Syromyatnikov, V.M.,
Engineers

TITLE: Fault Rates on Standardised High Pressure Boilers

PERIODICAL: Teploenergetika 1959, Nr 8, pp 30-33 (USSR)

ABSTRACT: This article gives a general analysis of boiler fault statistics. The fault rate is defined as the ratio of the number of faults on a group of boilers in a given period to the total operating time of all the boilers in a group, including those without faults, expressed in boiler months. As will be seen from Table 1, there has been a reduction in the fault rate of heating surfaces of Soviet boilers in recent years, while the distribution of faults between the design, erection, operation and repair remains about the same. Tube faults can arise from ash wear or similar causes connected with inadequate adaptation of the boiler to different operating conditions. Latterly such tube faults were classified separately and the figures in Table 2 show that in 1956-57 they accounted for about 30% of all faults. Therefore, at the present time, more than half the faults of heating surfaces are associated with

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Fault Rates on Standardised High Pressure Boilers

manufacturing defects or unsuitability of the design for the operating conditions. Tables 1 and 2 relate to faults that involve boiler shut-down but not to other troubles that were located during normal boiler repair periods. The continuous operating time of boilers is still inadequate: this will be seen from Table 3, where the number of boilers which had no faults on the heating surfaces during the year is expressed as a percentage of the total number of boilers of the type in question. With the introduction of unit-type plant it will be particularly necessary to increase the operating time of boilers. A brief analysis is made of the way in which different types of boilers are affected, first with reference to defects of design and manufacture, and secondly with respect to defects of operation. The data in Table 4 indicate that boilers type TP-230-2 had more faults than other boilers but it should be remembered that most of them work on anthracite dust or other difficult types of fuel. During three or four years operation only a little over half of boilers type TP-230-2 burning anthra-

Card 2/3 cite dust escaped shut-down by faults arising from their

SOV/96-59-8-9/27

Fault Rates on Standardised High Pressure Boilers

unsuitability for the fuel used. New large boilers are not so highly standardised as those considered in this article, so they should be better adapted to local conditions and more reliable. There are 2 figures and 6 tables.

ASSOCIATION: ORGRES

Card 3/3

LEZIN, Vladimir Il'ich, inzh.; LIPOV, Yuriy Mikhaylovich, kand.
tekhn. nauk, dots.; SELEZNEV, Mikhail Antonovich, kand.
tekhn. nauk, dots.; SYROMYATNIKOV, Valentin Matveyevich,
inzh.; SEROV, Ye.P., kand. tekhn. nauk, dots., red.;
VOLOBUYEVA, I.V., red.

[Superheaters of boiler units] Paroperegrevateli kotel'-
nykh agregatov. Moskva, Energiia, 1965. 287 p.
(MIRA 18:4)

LEBEDEV, V.A., inzh. (Sverdlovsk); ZYKIN, B.D., inzh. (Sverdlovsk);
KUDRYAVTSEV, A.Ye., inzh. (Sverdlovsk); SVYATETSKAYA, E.L., inzh.
(Sverdlovsk); SYROMYATNIKOV, V.N., inzh. (Sverdlovsk)

Conversion of the control system of the AP-25 turbine to hydraulic
operation. Energetik 13 no.10:11-14 0 '65.

(MIRA 18:10)

SYROKYATNIKOV, V.S.

Problems of economic efficiency of the shaving of high-module
gear wheels. Trudy Ural. politekh. inst. no.129:95-101 '63
(MIRA 17:8)

SAMOYLOV, S.I., prof.; SYROMYATNIKOV, V.S., inzh.

Shaving high-module high-rigidity gear wheels. Vest. mashinostr.
44 no. 4:45-48 Ap '64. (MIRA 17:5)

SAMOYLOV, S.I.; SYROMYATNIKOV, V.S.

Surface smoothness in shaving high-module gear wheels. Stan. 1
instr. 34 no.12:19-20 D '63.

(MIRA 17:11)

KRIST, M., inzh.; SYROMYATNIKOV, Ye., inzh.; VOYEVODIN, V., inzh.

Construction of 6E drilling rigs following a new work schedule.
Neftianik 6 no.2:7-8 F '61. (MIRA 14:10)

1. Kuybyshevskiy sovet narodnogo khozyaystva.
(Oil well drilling rigs)

SYROMYATNIKOV, Ye.S.

Accelerating the hoisting and lowering operations in oil well drilling
by introducing new equipment. Izv. vys. ucheb. zav.; neft' i gaz 8
no.4:101-103 '65. (MIRA 18:5)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
im. akademika I.M.Gubkina.

SYROMYATNIKOV, Ye.S.

Specific capital investments in the evaluation of the efficiency
of new drilling equipment. Izv. vys. ucheb. zav.; neft' i gaz 8
no.3:105-108 '65. (MIRA 18:5)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
im. akademika I.M. Gubkina.

SYROMYATNIKOV, Ye.S.

Economic efficiency of means for the complex mechanization
of hoisting and lowering operations in oil well drilling.
Izv. vys. ucheb. zav.; neft' i gaz 7 no.11:111-116 '64.
(MIRA 18:11)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promysh-
lennosti im. akademika I.M. Gubkina.

SYROMYATNIKOV - Ye.S.
SUSLENNIKOV, Nikolay Mikhaylovich; ~~SYROMYATNIKOV, Yevgeniy Sargayevich;~~
PETROVA, Ye.A., vedushchiy redaktor; ~~KHLEBNIKOVA, L.A.,~~
tekhnicheskii redaktor

[Practical instruction in progressive methods of boring; work
practices of instructors at the Kuybyshev Petroleum Trust
enterprises] Proizvodstvennoe obucheniye peredovym metodam bureniya;
opyt raboty instruktorskikh vakht na predpriyatiyakh ob"edineniya
Kuibyshevneft'. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-
toplivnoi lit-ry, 1957. 63 p.

(MLRA 10:5)

(Oil well drilling)

PERCHIK, A.I.; SYROMYATNIKOV, Ye.S.

Evaluation of effectiveness of various methods of drilling.
Izv. vys. ucheb. zav.; neft' i gaz 7 no.10:117-120 '64.

(MIRA 18:2)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
im. akad. Gubkina.

BLIZNYUKOV, Yuriy Nikolayevich; BOCHKAREV, Vladimir Ivanovich;
BURACHKOVSKIY, Vladimir Vladimirovich; GIBREYKH, Lazar'
Isaakovich; DUBROVSKIY, Viktor Fedorovich; ISMAILOV,
Sadykh Ismail-ogly; SAZONENKO, Petr Alekseyevich; SMIRNOV,
Arseniy Sergeyevich; SYROMYATNIKOV, Yevgeniy Sergeyevich;
SUSLENNIKOV, Nikolay Mikhaylovich; KAYESHKOVA, S.M., ved.
red.; TROFIMOV, A.V., tekhn. red.

[Practice of innovators in drilling and exploiting oil wells]
Opyt novatorov bureniia i ekspluatatsii neftiannykh skvazhin.
Moskva, Gos. nauchno-tekhn. izd-vo نفت. i gorno-toplivnoi
lit-ry, 1961. 67 p. (MIRA 15:3)

1. Moscow. Tsentral'noye byuro promyshlennykh normativov po
trudu.

(Oil well drilling) (Automatic control)
(Oil fields—Equipment and supplies)

SYROMYATNIKOV, Ye.S.; SMIRNOV, A.S., starshiy inzh.

Rotary method is a means of increasing drilling rates.
Neftianik 6 no.11:6-9 N '61. (MIRA 14:12)

1. Rukovoditel' gruppy normativno-issledovatel'skoy stantsii
Upravleniya neftyanoy promyshlennosti Kuybyshevskogo
sovnarkhoza (for Syromyatnikov). 2. Tsentral'noye byuro
promyshlennyykh normativov po trudu (for Smirnov).
(Oil well drilling)

SYRMYATNIKOV, Ye.S.

Efficiency of the mechanization of lowering and twisting operations in drilling. Neft. khoz. 41 no.7:22-23 31'83 (MIRA 1767)

SYROMYATNIKOV, Ye Yu.

ZIMANENKO, S.S.; SYROMYATNIKOV, Ye.Yu.

Method of determining standards of fuel consumption in pumping
petroleum products with diesel pumps. *Energ. biul.* no. 4:1-8 Ap '54.
(MLRA 7:5)

(Petroleum--Pumping) (Diesel engines)

SYROMYATNIKOV, Yu.I.

Investigating the method of shctting on a loom by means of an air
stream. Nauch.issl.trudy IvNITI 25:56-76 '61. (MIRA 15:10)
(Looms)

S/078/60/005/010/008/021
B004/B067

AUTHORS: Alikberov, S. S., Shklover, L. P., Syromyatnikova, A. S.,
Belanovskiy, A. S.

TITLE: Use of Acetonitrile as Complex-forming Substance in the
Purification of SiCl_4 and SiHCl_3

PERIODICAL: Zhurnal neorganicheskoy khimii, 1960, Vol. 5, No. 10,
pp. 2258-2260

TEXT: The authors checked the data from Refs. 6,7 according to which impurities can be easily separated from silicon tetrachloride and trichlorosilane by means of acetonitrile. They found that this applies for SiCl_4 because a mixture of SiCl_4 and CH_3CN is separated into two layers (Fig.). SiCl_4 takes up 2 wt% of CH_3CN which must be removed by fractional distillation. Since, however, an azeotropic mixture boiling at 49-50°C is formed, this method leads to considerable losses in SiCl_4 . The data of Refs. 6,7 do not apply for SiHCl_3 . SiHCl_3 and CH_3CN are mixible at any ratio. This is also confirmed by the polarity of these

Card 1/2

Use of Acetonitrile as Complex-forming
Substance in the Purification of SiCl_4 and
 SiHCl_3

S/078/60/005/010/008/021
B004/B067

compounds (Table 1). Hence, the authors used the capability of acetonitrile of forming complexes with metal salts to purify silicon chlorides. They added only 1-2 vol% of acetonitrile and achieved good purification by fractional distillation. The residue contained the complexes of acetonitrile with Al, Fe, Cu, Mg, Mn, and Ti. Table 2 shows the purification of SiHCl_3 obtained herewith. The complex formation of CH_3CN with iron was examined also by means of Fe^{55} . Activity was measured with an MCT-17A (MST-17) counter of a B-2A (B-2) apparatus (Table 3). Formamide was successfully applied instead of acetonitrile. With iron, hydrocyanic acid which is formed in this case forms nonvolatile compounds. The results of experiments with formamide and Fe^{55} are given in Table 4. There are 1 figure, 4 tables, and 11 references: 6 Soviet, 1 US, 3 German, and 1 Polish.

SUBMITTED: July 10, 1959

Card 2/2

ALIKBEROV, S.S.; SHKLOVER, L.P.; SYROMYATNIKOVA, A.S.; SHCHERBAKOVA, T.M.

Mutual solubility in the system silicon tetrachloride - acetonitrile.
Zhur. fiz. khim. 34 no.4:935-936 Ap '60. (MIRA 14:5)
(Silicon chloride) (Acetonitrile)

AVAYEVA, S.M.; BOTVINIK, M.M.; SYROMYATNIKOVA, I.F.

Synthesis of substituted diseryl pyrophosphates. Zhur.ob.khim.
33 no.2:709-710 F '63. (MIRA 16:2)
(Serine) (Pyrophosphates)

and a photograph are provided. FBI, Wash., D.C., Sep. 2, 1968.
U.S. Dept. of Justice
(MIRA 18:8)

2. State University of Science and Technology Moscow Eng. University.

PA 150T51

SYROMYATNIKOVA, I. P.

Submitted by Acad Skryabin 11 Jul 49

USSR/Medicine - Parasites, Fish
Biology - Parasites, Fish

1 Oct 49

"A New Turbellaria, Euthyophaga Subcutanea Nov.
Gen. Nov. Sp. Parasitic in Fish," I. P. Syromyatni-
kova, Leningrad State U imeni A. A. Zhdanov, 4 pp

"Dok Ak Nauk SSSR" Vol LXVIII, No 4

Only two forms of Turbellaria, both of the Micro-
pharynx family, were known to be parasites in verte-
brates. In 1937, Prof V. A. Dorel', working near
Vladivostok, discovered a new form of Turbellaria
under the skin of *Zero elegans* and *Hexagrammus*
decagrammus in Ussuri Gulf, Sea of Japan. On
entering the skin it resembles a small drop of

150T51
1 Oct 49

USSR/Medicine - Parasites, Fish
Biology - Parasites, Fish (Contd)

blood. Connective tissue capsules containing it
were seen under the microscope. Submitted by
Acad Skryabin 11 Jul 49.

150T51

MIKHAL'TSEV, V.Ye., kand. tekhn. nauk, dotsent; SYROMYATNIKOVA,
L.I., inzh.

Economic efficiency of a multiple-unit gas-turbine installation under partial power conditions. Izv. vys. ucheb. zav.; mashinostr. no.9:154-162 '63. (MIRA 17:3)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana.

SYROMYATNIKOVA, M. A.
S/724/61/000/000/018/020
AUTHORS: Al'tman, M. B., Baykova, L. T., Krysin, B. T., Korol'kova, L. M.,
Smirnova, T. I., Kitari, G. G., Shitov, M. I., Sharuda, V. F.,
Tyukin, I. T., Syromyatnikova, M. A.

TITLE: Vacuum refining of Aluminum alloys.

SOURCE: Liteynyye alyuminiyevyye splavy; svoystva, tekhnologiya plavki, lit'ya i termicheskoy obrabotki. Sbornik statey. Ed. by I. N. Fridlyander and M. B. Al'tman. Moscow, Oborongiz, 1961, 150-156.

TEXT: The paper describes the development of a method for the vacuum refining of Al alloys with the use of a flux, and the construction and development of a vacuum equipment for the refining of Al alloys capable of refining a melt of up to 300 kg. The refining method developed was intended to remove the various gaseous and solid nonmetallic impurities which enter into an Al alloy in the course of its smelting and to avoid, also, the difficulties encountered with method used heretofore, which consisted in the toxicity of the Cl and the chlorous and fluorous salts used to date. The basic concepts of the new method are the following: The impurities encountered in Al melts consist of H and oxides, primarily Al oxides. The H carries a positive charge (H^{1+}), whereas the Al oxides are charged negatively (O^{2-}).

Card 1/2

Vacuum refining of Aluminum alloys.

S/724/61/000/000/018/020

Hence, the H is readily adsorbed on the particles of Al oxide. If the H can be induced by the application of a vacuum to migrate to the surface of the melt, it is postulated that the solid nonmetallic impurities should be entrained thereby and become susceptible to capture by adsorption by a suitable flux placed on the surface of the melt. The rate of progress of such a process should be controllable simply by altering the power applied to the vacuum pump. The investigation was made on AA4 (AL4) and AA9 (AL7) Al alloys. The relationship between the weight of a melt and the vacuuming time was explored experimentally. While the test results indicated that the Mg content remained constant regardless of the vacuuming time, the porosity of the alloy was appreciably reduced in vacuuming tests lasting from 2 to 6 minutes. The addition of a suitable flux, as defined above, improved the degassing, with a subsequent further reduction in porosity and improvement in the mechanical properties of the alloy by 10-15%; this improvement eliminates the need for crystallization of cast parts in an autoclave in many instances. Typical vacuum-refining times at 780-790°C, in the presence of 0.2% of a suitable flux, are: For a metal weight of 50-100 kg, 3 min; 100-150 kg, 5 min; 150-250 kg, 7-9 min. The improvements obtained by the vacuum-refining procedure with the adsorbing flux are illustrated by tables of mechanical properties and photographs of the macrostructure of complex cast parts. There are 6 figures and 5 tables; no references. The participation of A. P. Shulepin, I. S. Kuznetsov, D. S. Chervyakov, and A. I. Komendat in the investigation is acknowledged.

Card 2/2

STROMSKAYA, N.P.; SMIRNOVA, T.I.; KLIMOVA, V.A.; LOKTIONOVA, L.I.;
SYROMYATNIKOVA, M.A.; AL'TMAN, M.B., rukovoditel' raboty.

Effect of metal inclusions on the properties of aluminum
foundry alloys. Alium. splavy no.1:55-72 '63. (MIRA 16:11)

Jul 53

SYROMYATNIKOVA, M. D.

USSR/Medicine - Dysentery

"Sources and Ways of the Transmission of Dysentery in Winter," M. D. Syromyatnikova

Zhur Mikro, Epid, i Immun, No 7, pp 28-30

By applying perfected epidemiological methods, an increased number of sources of dysentery infection can be found. The main source of infection are persons having acute rather than chronic dysentery. Acute dysentery in winter is marked by prevalence of mild, disguised forms, so that the patients do not seek medical help. In winter, transmission of dysentery by contact is mainly responsible for the spread of the disease.

267T42

SYROMYATNIKOVA, M.D.; SAPOZHNIKOVA, V.A.; GOL'DBERG, R.M.; CHAIKUTINSKAYA, M.G.

Study of the effectiveness of dispensary service for dysentery cases. Trudy Len.inst.epid. i microbiol. 18:228-240'58.

(MIRA 16:7)

1. Iz sektora epidemiologii (zav. I.A.Ansheles) i laboratorii
kishechnykh infektsiy (zav.E.M. Novgorodskaya) Leningradskogo
instituta epidemiologii, mikrobiologii i gigiyeny imeni Pastera.

(~~LENINGRAD—DYSENTERY~~)

(~~LENINGRAD—HOSPITALS—OUTPATIENT SERVICES~~)

SYROMYATNIKOVA, Mariya Grigor'yevna; KIZEVETTER, I.B., otv.red.

[Methods of microbiological and sanitary study of
fishery products] Metody mikrobiologicheskikh i sanitarnykh
issledovaniy rybnykh produktov. Vladivostok, Dal'nevostochnoe
knizhnoe izd-vo, 1964. 159 p. (MIRA 18:12)

COUNTRY : USSR
 CATEGORY :
 ABG. JOUR. : *Ezhmol.*, No. 3 1957, No. 10132
 AUTHOR : Syromyatnikova, M. G.
 INST. : Pacific Ocean Scientific Research Institute of the*
 TITLE : The Causes of Saponification of Slightly Salted Herring
 and Measures For Controlling it
 ORIG. PUB. : *Izv. Tikhookeansk. n.-i. in-ta rybn. kh-v. i okeanogr.*,
 1957, 44, 179-195
 ABSTRACT : *Fishing Industry and Oceanography
 With the occurrence of the favorable conditions for the
 development of microorganisms usually present on
 the surface of the body and in the muscles of good-
 quality slightly salted fish signs of "saponification"
 appear. A reduction in the temperature to minus 6-
 minus 8° or an increase in the acidity of the medium
 (immersing it in 3% acetic acid solution for 10-15
 minutes) prevent the occurrence of saponification.
 Card: 1/1

L 27289-66

ACC NR: AP6016874

SOURCE CODE: UR/0189/65/000/003/0078/0082

AUTHOR: Avayeva, S. M.; Botvinik, M. M.; Syromyatnikova, N. F.; Grigorovich, V. I. ²⁰
 ORG: Department of Organic Chemistry, Moscow State University (Kafedra organicheskoy khimii Moskovskogo gosudarstvennogo universiteta)

TITLE: Seryl-phosphates and pyrophosphates

SOURCE: Moscow. Universitet. Vestnik. Seriya II. Khimiya, no. 3, 1965, 78-82

TOPIC TAGS: organic synthetic process, serine, polypeptide, hydrolysis, organic phosphorus compound, ester

ABSTRACT: The synthesis of plp₂-di(benzyl ester-carbobenzoxylglycylseryl)-
 plp₂-dibenzylpyrophosphate and study of its hydrolysis are described. In
 continuation of previous investigations, this paper reported the synthesis
 of a new compound which incorporates a pyrophosphate group and a dipeptide
 of serine. The benzyl ester of N-carbobenzoxylglycylserine was boiled to-
 gether with NaI in absolute acetone to remove one benzyl group. Since the
 monosodium salt of the benzyl ester of N-carbobenzoxylglycyl-O-(benzyl-
 phospho)-serine formed is quite soluble in acetone and does not precipitate
 in the reaction mixture, the reaction was continued somewhat longer than
 usual. Upon boiling of the reaction mixture for four hours, the yield of
 the sodium salt of the benzyl ester of N-carbobenzoxylglycyl-O-(benzyl-
 phospho)-serine was 85%. The properties of the compound were studied, in-
 cluding its hydrolysis at 21° in neutral and in weakly alkaline media at
 pH 6.8 and 8.5, with the formation of the benzyl ester of N-carbobenzoxyl-
 glycyl-O-(benzylphospho)-serine. Orig. art. has: 1 figure and 1 table. [JPRS]

SUB CODE: 07 / SUBM DATE: 22Jul64 / ORIG REF: 003 / OTH REF: 002

Card 1/1

U.S.S.R. / Human and Animal Physiology. Liver. T

Abs Jour: Ref Zhur-Biol., No 5, 1958, 22349.

Author : Syromyatnikova, N. V.

Inst : Not given.

Title : Some Aspects of the Protein Function of the
Liver in the Process of Radiation Sickness.

Orig Pub: Dokl, AN. SSSR, 1956, 111 No 3, 730-732.

Abstract: Dogs, with fistulas of the urinary bladder were
irradiated with X-rays in doses varying from 250-
-600 r. Prior to, and at various periods fol-
lowing irradiation, the dogs received 10% sol.
of glycocoll (1gm/kg).

The elevation of the urea N. (L) curve and the
glycocoll injection on the 2 - 3rd day after

Card 1/2

92

SYROMYATNIKOVA, N. V. Cand Med Sci -- (diss) "Data on the study of certain aspects of the protein function of the liver ~~in cases of~~ ^{during} acute radiation sickness." Len, 1957. 15 pp (From Len Order of Labor Red Banner Sci Res Inst of Blood Transfusion. 1st Len Med Inst im Academician I. P. Pavlov), 100 copies (KL, 5-58, 102)

SYROMYATNIKOVA, N.V., aspirant

Some aspects of the protein function of the liver in acute radiation disease. Akt.vop.perel.krovi no.6:89-95 '58. (MIRA 13:1)

1. Laboratoriya biokhimii Leningradskogo instituta perelivaniya krovi (zav. laboratoriyey - prof. N.N. Blokhin).
(RADIATION SICKNESS) (LIVER) (PROTEIN METABOLISM)

BLOKHIN, N.N.; SYROMYATNIKOVA, N.V.

Significance of blood sugar curves in the diagnosis of initial
forms of osteoarticular tuberculosis. Probl. tuberk. 41 no.4:
47-50 '63 (MIRA 17:2)

1. Iz biokhimicheskoy laboratorii (zav. - prof. N.N.Blokhin)
Leningradskogo nauchno-issledovatel'skogo instituta khirurgicheskogo
tuberkuleza (dir. - prof. D.K.Khokhlov, nauchnyy rukovoditel'
deystvitel'nyy chlen AMN SSSR prof. P.G. Kornev).

BLOKHIN, N.N.; SYROMYATNIKOVA, N.V.

Electrophoretic studies on blood serum protein fractions in various stages of osteoarticular tuberculosis in rabbits.

Vop. med. khim. 10 no.5:508-513 S-O '64.

(MIRA 18:11)

1. Leningradskiy nauchno-issledovatel'skiy institut khirurgicheskogo tuberkuleza.

BLOKHIN, N.N., prof.; ZVANTSEVA, V.A., kand. med. nauk; MUKHINA,
M.P., kand. med. nauk; SYROMYATNIKOVA, N.V., kand. med. nauk

Some physicochemical, biochemical and cytological changes in
the synovial fluid of tuberculous synovitis patients. Probl.
tub. 42 no.1:64-68 '64. (MIRA 17:8)

1. Leningradskiy institut khirurgicheskogo tuberkuleza (dir. -
prof. D.K. Khokhlov, nauchnyy rukovoditel' - deystvitel'nyy
chlen AMN SSSR prof. P.G. Kornev).

BLOKHIN, N.N.; SYROMYATNIKOVA, N.V.

Carbohydrate and protein functions of the liver in the initial forms of experimental tuberculosis of the bones. Probl. tub. (MIRA 18:12) no.2:64-70 '65.

1. Biokhimicheskaya laboratoriya (zav. - prof. N.N.Blokhin) Leningradskogo nauchno-issledovatel'skogo instituta khirurgicheskogo tuberkuleza (direktor - prof. D.K.Khokhlov, nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. P.G.Korner).

LABAZNOV, V.I., red.; SYROMYATNIKOVA, O.G., red.; LARIONOV, G.Ye.,
tekhn.red.

[Instructions pertaining to dry sealing of power cables with
paper insulation] Instrukttsia po sukhoi zadelke kontsov silovykh
kabelei s bumazhnoi izoliatsiei VI-13-59/MS RSFSR. Moskva, Gos.
energ.izd-vo, 1959. 38 p. (MIRA 13:4)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye po proizvodstvu
elektromontazhnykh rabot.
(Electric cables)

GORSKIY, V.V.; SYROMYATNIKOVA, O.G., red.

[Safety engineering manual for electricians using SMP-1 concrete
puncturing pistols] Pamiatka po tekhnike bezopasnosti dlia elektro-
montazhnikov, rabotaiushchikh so stroitel'no-montazhnym pistolom
SMP-1. Moskva, Gos.energ.izd-vo, 1961. 20 f. (MIRA 14:11)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye po proizvodstvu
elektromontazhnykh rabot.
(Concrete construction--Equipment and supplies)

BOGDANOV, I.L.; SYROMYATNIKOVA, V.M.

Streptococcal flora of the mouth in scarlet fever and its relation to penicillin therapy. *Pediatrics*, Moskva no.2:8-13 Mar-Apr 1953.
(CML 25:4)

1. Professor for Bogdanov. 2. Of the Department of Infectious Diseases (Head --- Prof. I. L. Bogdanov) of Sverdlovsk Medical Institute and Smolensk Third Municipal Children's Hospital (Head Physician --- P. A. Alferova).

SYROMYATNIKOVA, V.M.

Bacteriologic and clinical characteristics of anginas. *Pediatrics*, Moskva
no.4:34-39 July-Aug 1953. (CML 25:1)

1. Of Sverdlovsk Third Municipal Children's Infectious Hospital (Head
Physician -- P. A. Alferov).

ANTONOV, Yu.G., dotsent; SYROMYATNIKOVA, Ye.N.

Blood gases in cardiovascular insufficiency in mitral stenosis.
Kaz. med. zhur. no.5: ~~24-25~~ 3-0 '61. (MIRA 15:3)

1. Biokhimicheskaya laboratoriya (zav. - kand.med.nauk.
K.M. Malenkova) i Khirurgicheskoye otdeleniye (zav. - doktor
med.nauk P.V. Skaldin) nauchno-issledovatel'skogo rentgeno-
radiologicheskogo instituta Ministerstva zdravookhraneniya
RSFSR.

(VALVE--DISEASES)
(BLOOD, GASES ~~IN~~)

FRIDLYAND, I.B. (Moskva); GINZBURG, M.B. (Moskva); KUBAREVA, M.M. (Moskva);
SYROMYATNIKOVA, Ye.N. (Moskva)

Effect of ionizing radiation and transplantation of sarcoma
tumors "45" an. "M-1" on metabolism in experimental animals. Trudy
TSentr. nauch.-issl. inst. rentg. i rad. 11 no.1:47-52 '64.
(MIRA 18:11)

SYROMYATNIKOVA, Ye.N.; FIL'KOVA, Ye.M.

Gas exchange during radiotherapy for pulmonary cancer. Med.rad.
6 no.8:14-18 Apr '61. (MIRA 14:8)

1. Iz biokhimicheskoy laboratorii rentgenoterapevticheskogo otdela
Gosudarstvennogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo
instituta Ministerstva zdravookhraneniya RSFSR.
(LUNGS--CANCER) (RESPIRATION) (RADIOTHERAPY)

BASTINA, P.I.; GRATSIANSKAYA, L.N.; KRASINSKAYA, G.F.; SYROMYATNIKOVA, Ye. N.;
EL'KIN, M.A.

Influence on the health of women of work connected with the frequent
carrying of small loads. Gig. i san. 26 no.6:33-39 Je '61.
(MIRA 15:5)

1. Iz Instituta gigiyeny truda i professional'nykh zabolevaniy
i Instituta okhrany truda, Leningrad.
(BRICKMAKING--HYGIENIC ASPECTS) (WOMEN--EMPLOYMENT)

SYROMYATNIKOVA, Z. A.

"Cements Mixed of Lime and Hydraulic Additions of the Central Chernozem Regions."
Sub 5 Jun 51, Central Sci Res Inst of Industrial Structures (TsNIPS)

Dissertations presented for science and engineering degrees in Moscow During 1951.

SO: Sum. No. 480, 9 May 55

SOV/99-59-3-9/10

AUTHOR: Syromyatnikova, Z.A.

TITLE: Water Pipes, Film, and Sheet Sections Made of Plastic Materials in the Water Economy in the Foreign Countries (Truboprovody, plenki i listovyye izdeliya iz plasticheskikh mass v vodnom khozyaystve zarubezhnykh stran)

PERIODICAL: Gidrotekhnika i melioratsiya, 1959, Nr 3, pp 52-59 (USSR)

ABSTRACT: The article deals with experiments in using plastic water pipes, film, and sheets for insulation, sprinkling, watering, meliorating purposes, and making the bottom of canals and reservoirs water-tight to avoid losses through filtration. The countries covered are the U.S.A., the U.K. Canada, Australia, New Zealand, Italy and West Germany. There are 11 photos, 1 table, and 14 references, 6 of which are English, 4 American,

Card 1/2

SOV/99-59-3-9/10

Water Pipes, Film, and Sheet Sections Made of Plastic Materials
in the Water Economy in the Foreign Countries

2 Australian, 1 Canadian, and 1 Italian.

ASSOCIATION: VNIIGiM

Card 2/2

SYROMYATNIKOVA, Z.A., inzh.

Pipes from plastic materials. Gidr. i mel. 12 no.11:36-43 N '60.
(MIRA 14:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki i
melioratsii:

(Pipe, Plastic)

SYROMYATNIKOVA, Z.A., kand. tekhn. nauk; CHERNYKH, A.A., kand. tekhn. nauk;
ZAYKIN, A.I., inzh.; IVANOV, V.M., inzh.

Saturation irrigation on large checks. Gidr. i mel. 16 no.9:10-21
S '64. (MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki i
melioratsii imeni A.N. Kostyakova (for Zaykin). 2. Yuzhnyy gosudarstvennyy institut po proyektirovaniyu vodokhozyaystvennogo i
meliorativnogo stroitel'stva (for Ivanov).

SYROMYATNIKOVA, Z.A., kand. tekhn. nauk

From practices in the irrigation of meadows in the U.S.A.,
Australia, and New Zealand. Gidr. i mel. 17 no.12:
43-48 D '65. (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki
i melioratsii im. Kostyakova.

TEOLOGOV, Anatoliy Vasil'yevich; SYROPYATOV, Aleksandr Konstantinovich;
LISAGOROVSKIY, B.P., redaktor; SERGEYEVA, N.A., redaktor izdatel'-
stva; GUROVA, O.A., tekhnicheskii redaktor

[Geodesy with the elements of mine surveying] Geodeziia s osnovami
marksheiderii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol.
i okhrane neдр, 1955. 277 p. (MLRA 9:8)
(Geodesy) (Mine surveying)

SYROPYATOV, A.^K, leytenant.

True road. Sov.mo.r 16 no.15:18 N '56.
(Bakumin, Vladimir)

(MLRA 10:1)

SCV/175-58-6-35/41

AUTHORS: Nersesyan, M. Engineer-Colonel, and Syropyatov, V.
Engineer-Lieutenant-Colonel, Candidate of Military Sciences

TITLE: The Maintenance System of Armored Equipment in the
US Army

PERIODICAL: Tankist, 1958, Nr 6, pp 54-58 (USSR)

ABSTRACT: The article describes the maintenance system of
armored equipment in the US Army. There are 3
diagrams and 1 table.

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A055/A126

AUTHORS: Kharchenko, R.R., Doctor of Technical Sciences, Professor; Syropya-
tova, R.Ya., Seitov, A.A., - Engineers

TITLE: Stabilized semiconductor power supplies for automatic measuring de-
vices

PERIODICAL: Elektrichestvo, no. 4, 1963, 39 - 44

TEXT: Basing themselves on the work by S.D. Dodik [Poluprovodnikovyye
stabilizatory napryazheniya i toka (Current and voltage semiconductor-stabil-
izers), Izd. "Sovetskoye Radio", 1962], the authors developed and analyzed two
types of stabilized semiconductor power supplies, for 20 v and 5 v, respecti-
ly. The first part of the present article is devoted to the theory of the s-
emiconductor voltage stabilizers of the comparison type; formulae are derived,
giving the stabilization coefficient K_{inp} , the stabilizer output impedance
 r_{outp} and its temperature coefficient γ as functions of the parameters of
circuit; the conditions are determined under which K_{inp} becomes as high as
possible, and r_{outp} and γ as small as possible. In the second part of th

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Stabilized semiconductor power supplies for

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article, the authors describe the models of the two types of stabilized power supplies developed by them: 1) $U_{outp} = 20 \text{ v}$; $I_{load} = 0 \div 50 \text{ ma}$; 2) $U_{outp} = 5 \text{ v}$; $I_{load} = 20 \div 200 \text{ ma}$. The complete circuit diagrams of both models are reproduced and commented upon. In both models, the controlling element consists of a composite triode $T_1 - T_2 - T_3$. The experimentally plotted characteristics of both stabilizers are reproduced. A table shows that the total instability of these stabilizers is included between 0.05 and 0.1%. There are 8 figures and 1 table.

ASSOCIATION: Moskovskiy energeticheskiy institut (Moscow Power-Engineering Institute).

SUBMITTED: June 30, 1962

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L 8452-65 EWT(d)/EED-2 Po-4/Pq-4/Pg-4/Pk-4 AFTC(b)/RAEM(i)/ESD(dp)/
IJP(c) BB/GG S/0105/64/000/008/0001/0008
ACCESSION NR: AP4048385

AUTHOR: Sy*ropyatova, R. Ya. (Engineer); Kharchenko, R. R. (Professor)

TITLE: Signal converters for magnetic recording and reproduction of metering information in analogue form *B*

SOURCE: Elektrichestvo, no. 8, 1964, 1-8

TOPIC TAGS: magnetic tape recording, signal converter, converter system

ABSTRACT: The article is concerned with a short examination of the construction principles of converters for magnetic recording on tape and the subsequent reproduction of the metering information in analogue form. The survey does not claim to be complete because in the technique of signal conversion for magnetic recording of metering information, much is still in the stage of formation and investigations. The article shows six circuits for input and output to converter systems of various types and comments on each of them.

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